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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/698,789A

DATE: 05/16/2002
TIME: 16:08:25

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3 <110> APPLICANT: SPENCER, MICHAEL
4 MUMM, RITA
5 GWYN, J. JEFFERSON
6 MCELROY, DAVID
7 STEPHENS, MICHAEL A.
9 <120> TITLE OF INVENTION: GLYPHOSATE RESISTANT MAIZE LINES
11 <130> FILE REFERENCE: DEKM:157
13 <140> CURRENT APPLICATION NUMBER: 09/698,789A
C--> 14 <141> CURRENT FILING DATE: 2002-05-07
16 <150> PRIOR APPLICATION NUMBER: 08/927-368
17 <151> PRIOR FILING DATE: 1997-09-11
19 <150> PRIOR APPLICATION NUMBER: 08/899,247
20 <151> PRIOR FILING DATE: 1997-07-23
22 <160> NUMBER OF SEQ ID NOS: 5
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67 Ala Gln Ala Asn Met Val Ala Pro Phe Thr Gly Leu Lys Ser Asn Ala
68           20           25           30
70 Ala Phe Pro Thr Thr Lys Lys Ala Asn Asp Phe Ser Thr Leu Pro Ser
71           35           40           45
73 Asn Gly Gly Gly Arg Val Gln Cys Met Gln Val Trp Pro Ala Tyr Gly
74           50           55           60
76 Asn Lys Lys Phe Glu Thr Leu Ser Tyr Leu Pro Pro Leu Ser Met Ala
77   65           70           75           80
79 Pro Thr Val Met Met Ala Ser Ser Ala Thr Ala Val Ala Pro Phe Gln
80           85           90           95
82 Gly Leu Lys Ser Thr Ala Ser Leu Pro Val Ala Arg Arg Ser Ser Arg
83           100          105          110
85 Ser Leu Gly Asn Val Ser Asn Gly Gly Arg Ile Arg Cys Met Ala Gly
86           115          120          125
88 Ala Glu Glu Ile Val Leu Gln Pro Ile Lys Glu Ile Ser Gly Thr Val
89           130          135          140
91 Lys Leu Pro Gly Ser Lys Ser Leu Ser Asn Arg Ile Leu Leu Ile Ala
92   145          150          155          160
94 Ala Leu Ser Glu Gly Thr Thr Val Val Asp Asn Leu Leu Asn Ser Glu
95           165          170          175
97 Asp Val His Tyr Met Leu Gly Ala Leu Arg Thr Leu Gly Leu Ser Val
98           180          185          190
100 Glu Ala Asp Lys Ala Ala Lys Arg Ala Val Val Val Gly Cys Gly Gly
101           195          200          205
103 Lys Phe Pro Val Glu Asp Ala Lys Glu Glu Val Gln Leu Phe Leu Gly
104           210          215          220
106 Asn Ala Gly Ile Ala Met Arg Ser Leu Thr Ala Ala Val Thr Ala Ala
107   225          230          235          240
109 Gly Gly Asn Ala Thr Tyr Val Leu Asp Gly Val Pro Arg Met Arg Glu
110           245          250          255
112 Arg Pro Ile Gly Asp Leu Val Val Gly Leu Lys Gln Leu Gly Ala Asp
113           260          265          270
115 Val Asp Cys Phe Leu Gly Thr Asp Cys Pro Pro Val Arg Val Asn Gly
116           275          280          285
118 Ile Gly Gly Leu Pro Gly Gly Lys Val Lys Leu Ser Gly Ser Ile Ser
119           290          295          300
121 Ser Gln Tyr Leu Ser Ala Leu Leu Met Ala Ala Pro Leu Ala Leu Gly
122   305          310          315          320
124 Asp Val Glu Ile Glu Ile Ile Asp Lys Leu Ile Ser Ile Pro Tyr Val
125           325          330          335
127 Glu Met Thr Leu Arg Leu Met Glu Arg Phe Gly Val Lys Ala Glu His
128           340          345          350
130 Ser Asp Ser Trp Asp Arg Phe Tyr Ile Lys Gly Gly Gln Lys Tyr Lys
131           355          360          365
133 Ser Pro Lys Asn Ala Tyr Val Glu Gly Asp Ala Ser Ser Ala Ser Tyr
134           370          375          380

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137 385                               390                               395                               400
139 Cys Gly Thr Thr Ser Leu Gln Gly Asp Val Lys Phe Ala Glu Val Leu
140                               405                               410                               415
142 Glu Met Met Gly Ala Lys Val Thr Trp Thr Glu Thr Ser Val Thr Val
143                               420                               425                               430
145 Thr Gly Pro Pro Arg Glu Pro Phe Gly Arg Lys His Leu Lys Ala Ile
146                               435                               440                               445
148 Asp Val Asn Met Asn Lys Met Pro Asp Val Ala Met Thr Leu Ala Val
149                               450                               455                               460
151 Val Ala Leu Phe Ala Asp Gly Pro Thr Ala Ile Arg Asp Val Ala Ser
152 465                               470                               475                               480
154 Trp Arg Val Lys Glu Thr Glu Arg Met Val Ala Ile Arg Thr Glu Leu
155                               485                               490                               495
157 Thr Lys Leu Gly Ala Ser Val Glu Glu Gly Pro Asp Tyr Cys Ile Ile
158                               500                               505                               510
160 Thr Pro Pro Glu Lys Leu Asn Val Thr Ala Ile Asp Thr Tyr Asp Asp
161                               515                               520                               525
163 His Arg Met Ala Met Ala Phe Ser Leu Ala Ala Cys Ala Glu Val Pro
164                               530                               535                               540
166 Val Thr Ile Arg Asp Pro Gly Cys Thr Arg Lys Thr Phe Pro Asp Tyr
167 545                               550                               555                               560
169 Phe Asp Val Leu Ser Thr Phe Val Lys Asn
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/698,789A

DATE: 05/16/2002

TIME: 16:08:26

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date